Drought Conditions

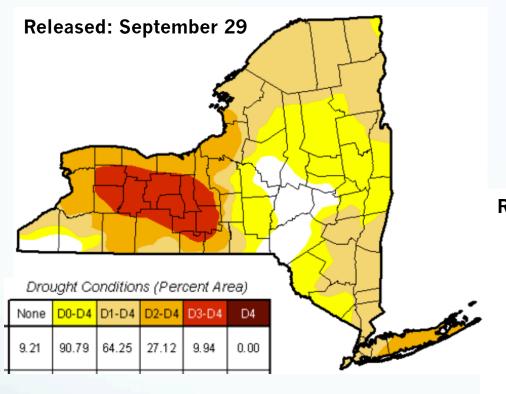
By: Samantha Borisoff, Climatologist as told by Art DeGaetano, NRCC Director

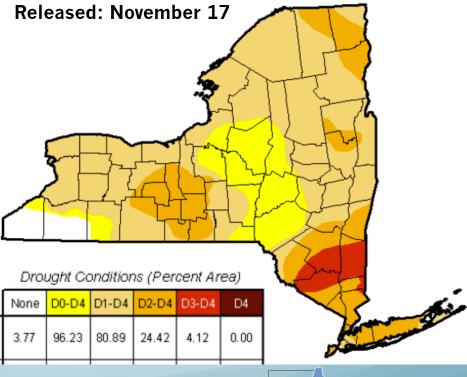






Drought Monitor



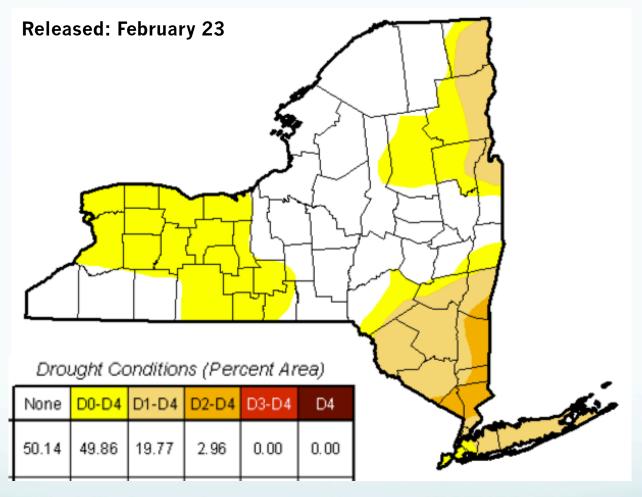


Northeast Regional

Climate Center



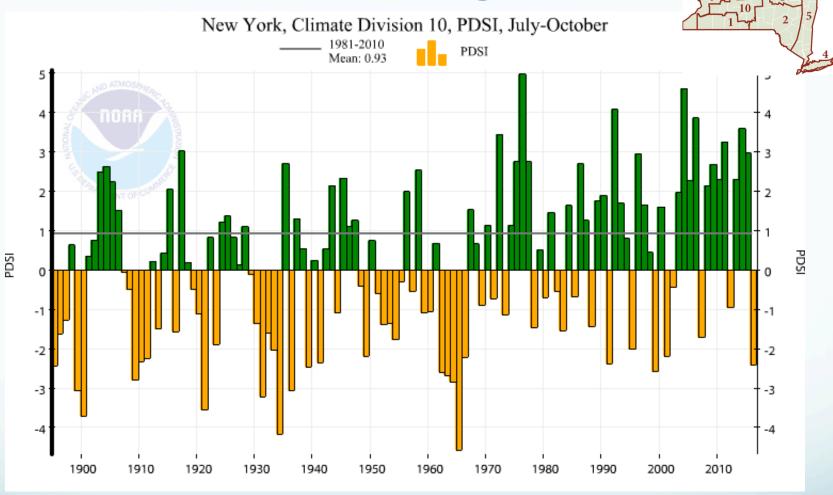
Drought Monitor







Past Droughts

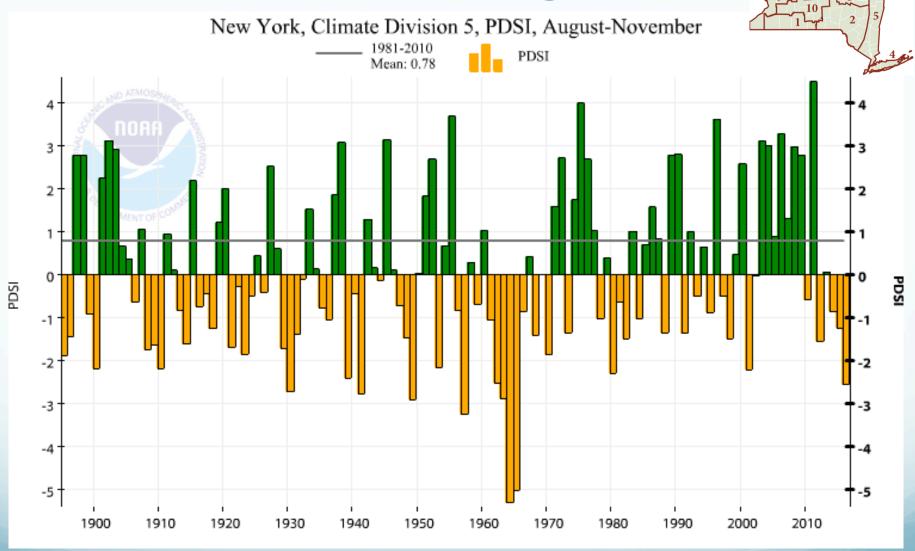


- Palmer Drought Severity Index: an estimate of dryness based on water supply (precipitation) and demand (PET)
- Similar droughts in the 1990s, but not as severe as droughts in the 1930s/60s





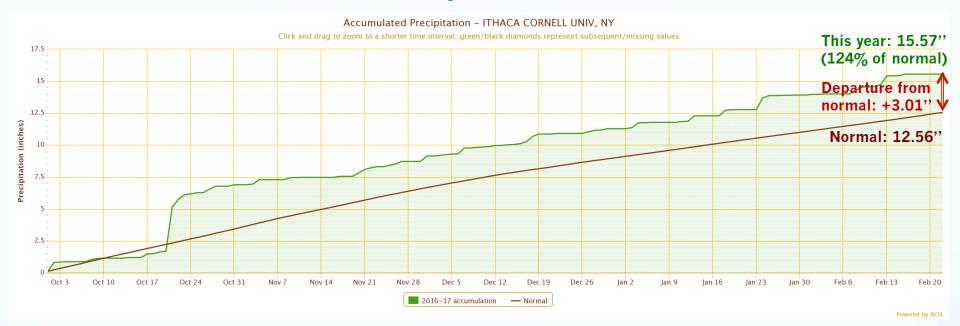
Past Droughts





Similar droughts in 1980/2000, but not as severe as droughts in the 1950s/60s

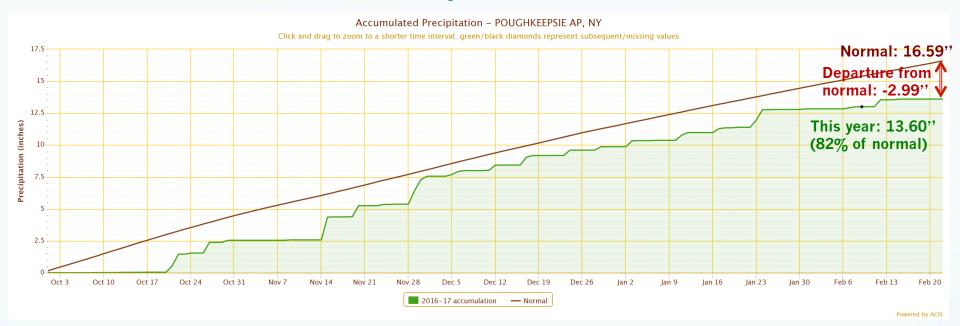




- Normal = 30-year average
- Ithaca, NY
 - Normal Oct 1-Feb 22 precip: 12.56" (brown line)
 - This year: 15.57, 124% of normal (green line)
 - Departure from normal: +3.01" (red line)



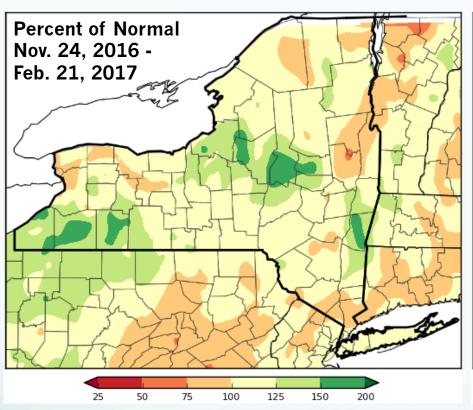


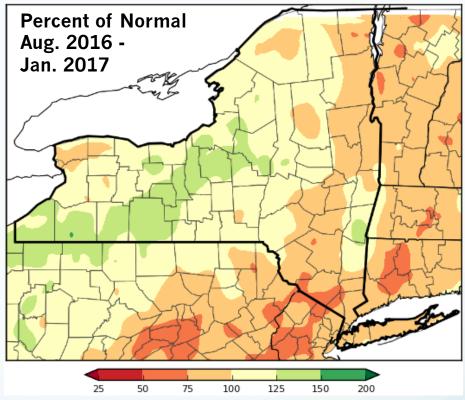


- Normal = 30-year average
- Poughkeepsie, NY
 - Normal Oct 1-Feb 22 precip: 16.59" (brown line)
 - This year: 13.60, 82% of normal (green line)
 - Departure from normal: -2.99" (red line)





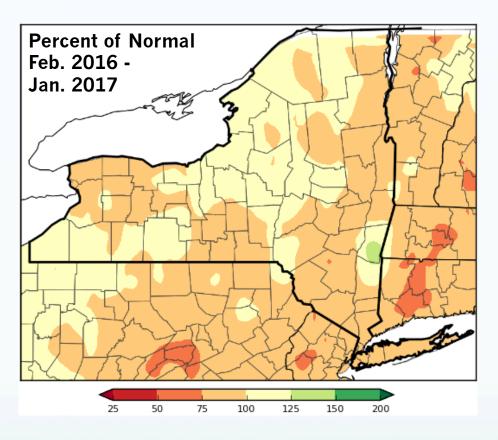




- Past 90 days: from 75% to 200% of normal
- Past 6 months: from 50% to 150% of normal



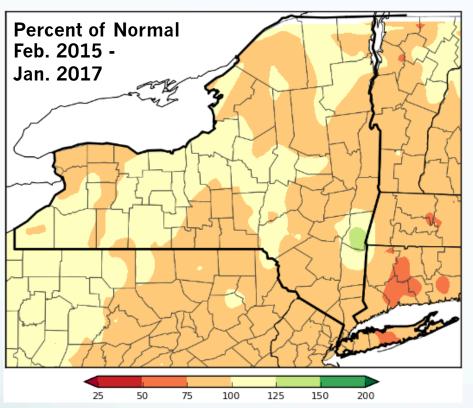


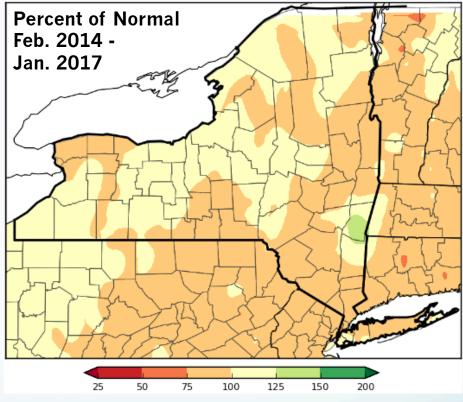


 Past 12 months: from 75% to 125% of normal







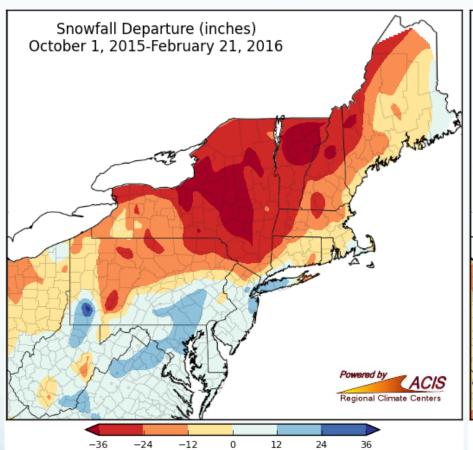


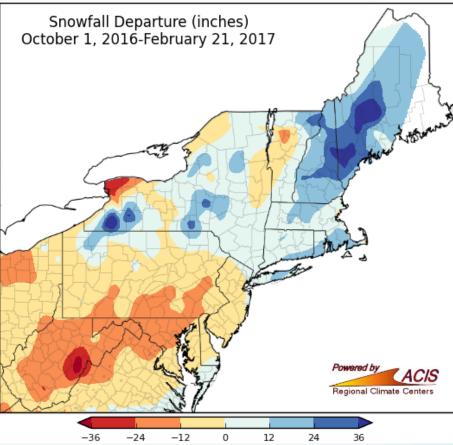
- Past 24 months: from 75% to 125% of normal
- Past 36 months: from 75% to 125% of normal





Snowfall





- Last year: near to below normal for most
- This year: near to above normal for most





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